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September 26, 1994

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MINERALS PROGRAM
FILE COPY

TO: Minerals File

FROM: Lynn Kunzler, Reclamation Specialist 

RE: Site Inspection, Kennecott Copper Corporation, Bingham Canyon Mine, M/035/002, Salt Lake County, Utah

Date of Inspection:	September 23, 1994
Time of Inspection:	9:30am
Conditions:	Clear
Participants:	Len Marrs and Jon Cherry, KCC; Lisa Rogers, DWQ; Lynn Kunzler and Henry Sauer, DOGM
Purpose of Inspection:	Review Testplot Location for Proposed Sewage Sludge Testplots.

Kennecott has proposed additional testing of sewage sludge as a soil amendment for their waste dumps associated with the Bingham Canyon Mine. These plot are located near the toe drain of the waste dump on the east side and just south of the Bingham Canyon Highway. They are completely with the collection system of the mine dumps. Kennecott has proposed using a 1/2 acre plot, using 1/3 of the area as a control, 1/3 using sludge on the dump material and 1/3 using a mix of 'native soils'. Sludge would be applied in each area at different rates up to a maximum 35 ton per acre.

After viewing site conditions, containment structures, etc. it was decided that sampling to 5 feet would not be required at this time and that sampling to a 3-foot depth would be adequate. Sampling to the 3-foot depth would only be needed for each major section (total 3 samples). Individual cells of the testplot would only be sampled to the 2' depth.

KCC will be submitting revised plans with a drawing the proposed design within the week so that they can get the sludge on in sufficient time prior to seeding so as to avoid any ammonia toxicity to the germinating seedlings.

cc: Jon Cherry, KCC
M035002.lmk



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